

MITINA, S.I., inzh.-ekonomist; SAVVINA, A.M., inzh.-ekonomist

New production norms for workers of the telecommunication service occupations. Vest. svyazi 21 no.12:25-26 D '61. (MIRA 12:12)

1. Otdel truda i zarplaty Ministerstva svyazi SSSR.
(Telecommunication--Employees)

SAVVINA, A.M., inzh.-ekonomist; MITINA, S.I., inzh.-ekonomist

New norms for determining the labor force of communication enterprises.
Vest. svyazi 20 no.8:22-24 Ag'60. (MIRA 13:10)

1. Otdel truda i zarabotnoy platy Ministerstva svyazi SSSR.
(Telecommunication--Employees)

GANAGO, F.M., kand. med. nauk; Prinsipali uchastiy: ALEKSEYEVA, R.M.,
vrach (Sverdlovsk); AYZENSHTAYN, B.S., vrach (Sverdlovsk);
BABINOVA, G.D., vrach (Sverdlovsk); BOBOWITSKAYA, L.M., vrach
(Sverdlovsk); VARGANOVA, M.V., vrach (Sverdlovsk); KOPYLOVA,
K.P., vrach (Sverdlovsk); SOKOLOVA, O.V., vrach (Sverdlovsk);
SHEVTSOVA, R.P., vrach (Sverdlovsk); SHELOMOVA, I.M., vrach
(Sverdlovsk); BYKHOVSKAYA, M.A., vrach (Revda); BELYAYEVA,
N.Ya., vrach (Magnitogorsk); KRUGLOVA, N.A., vrach (Kurgan);
NIKIFOROVA, F.N., vrach (Kurgan); MITINA, O.A., vrach (Asbest);
PORKHOVNIKOVA, E.D., vrach (Ufa); PONOMAREVA, N.I., vrach
(Orenburg); RASSOSHNYKH, G.F., vrach (Perm'); SAZANOVA, V.V.,
vrach (Izhevsk)

Chemoprophylaxis of tuberculosis in children and adolescents
in foci of tuberculous infection. Probl. tub. 42 no.1:6-11
'64. (MIRA 17:8)

1. Detskoye otdeleniye (zav. F.M. Ganago) Sverdlovskogo insti-
tuta tuberkuleza (dir. - prof. I.A. Shaklein) (for Ganago).

L 06309-57

ACC NR: AT6020456

It was therefore assumed that beam instability was responsible for rapid heating. This assumption was substantiated by observing rather strong emissions of microwave radiation in the experiments with azimuthal and axial fields. The microwave noise tended to cluster in the frequency range of the electron, plasma and cyclotron frequencies. In addition, the azimuthal field was found to stabilize the plasma due to changed compression conditions. Orig. art. has: 6 figures.

SUB CODE: 20/

SUBM DATE: 11Nov65/

ORIG REF: 003/

OTH REF: 003

Card 2/2 *gd*

L 00309-54 EWT(1)/EWT(m)/EWP(+)/ETL LJP(c) AT/CD/GD
 ACC NR: AT6020456 (N) SOURCE CODE: UR/0000/65/000/000/0241/0248

AUTHOR: Volkov, Ya. F.; Dyatlov, V. G.; Mitina, N. I.

ORG: none

TITLE: Investigation of a theta-pinch plasma with an azimuthal magnetic field

SOURCE: AN UkrSSR. Vzaimodeystviye puchkov zaryazhennykh chastits s plazmoy (Interaction of charged particle beams with plasma). Kiev, Naukova dumka, 1968, 241-248

TOPIC TAGS: plasma pinch, plasma heating, theta particle, plasma magnetic field, Coulomb collision, ion temperature, helium plasma, gamma radiation

ABSTRACT: Theta-pinch discharge was investigated experimentally to obtain information on the ion and electron energies associated with accelerated beams in plasma emitting strong γ -radiation (500 kev range, 10^{13} quanta/discharge). A helium plasma in a spherical vessel was used for this study. The plasma was subjected to an azimuthal magnetic field obtained in the hard-core configuration and ($3 \cdot 10^{-5}$ sec later) in an axial field from the superimposed four-turn coils. The diagnostics consisted mainly of measuring Doppler broadening of the spectral lines for ion energy determination and measurement of the relative intensities of two He lines gave the electron temperature. These measurements were made for several regions in the plasma. Very rapid growth of the ion temperature was found to eliminate Coulomb collisions as a heating mechanism.

Card 1/2

to some instability involving valuations at approximately 1/2 percent discrepancy. The authors express their gratitude to the referees for suggesting the topic, offering valuable advice and dis- results." Orig. art. has 5 figures.

DECLASSIFIED ON 11-24-84

1997 1998 1999 2000

ENCL 00

OPEN: 03

SUB CODE: ME, EM

The ion temperature was determined from the Doppler broadening of spectral lines. The electron temperatures were determined from the relative intensities of two or more lines. The time variation of the temperatures was followed by measuring at different points of different discharges. The average ion temperatures were of the order of 40 to 60 eV. Electron temperatures exceeding 1 keV were observed. Soft x-ray absorption measurements indicated that electron temperatures greater than 2 keV did not occur. A rise in the order of 1 V was observed at 3 μ m wavelength. The time dependence of the ion and electron temperatures was characterized by a rapid rise to a maximum within a few microseconds and a subsequent decrease. The electron temperature showed a small secondary maximum at about 5 microsec. The rapid rise of the ion temperature cannot be accounted for by collisions with electrons; it is es-

Fig. 1/2

plasma oscillation, azimuthal magnetic field, ion temperature, electron temperature.

ABSTRACT. The authors have measured ion and electron temperatures in a hollow plasma in an external azimuthal magnetic field. The measurements were undertaken because of the earlier discovery of hard gamma radiation from such plasmas (Ya.Y. Volkov, V.I. Rukh and K.D. Sinel'nikov, Zhur. Tekh. Fiz. 48, 1982). The plasmas were produced in an 11 cm diameter glass vessel containing helium at approximately 10^{-6} mm Hg by the AC discharge of an 18 micro F capacitor through two electrodes of four turns each. The period of the resulting magnetic

field was

1000 Hz

1000 Hz and the amplitude reached 10 kG. The azimuthal

0

[illegible]

02/0067/05 028/006/1039/1043

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10. Excitation of a third plane plane in an azimuthal magn-

Известия Академии Наук СССР. Технические науки, в. 56, no. 6, 1965, 1039-1043

TOPIC: plasma heating, plasma instability, plasma oscillation,

L 8217-66

ACC NR: AT5022302

established by the observation of the soft X-rays which were analyzed by a set of thin metal foils. Radio noise (3 cm wavelength) of one watt intensity was observed in a waveguide receiver. The temperature measurements were carried out in the pressure range of 1 to $2 \cdot 10^{-3}$ mm Hg. An ion temperature of 100 ev and electron temperature of 4 kev were reached. The heating mechanism is ascribed to the microwave noise and small value of the Coulomb collision crosssections. It was also noted that the azimuthal field has a gross stabilizing effect and also extends the plasma containment time. Orig. art. has: 6 figures. 0.

SUB CODE: 20/

SUBM DATE: 00/

ORIG REF: 003/

OTH REF: 003

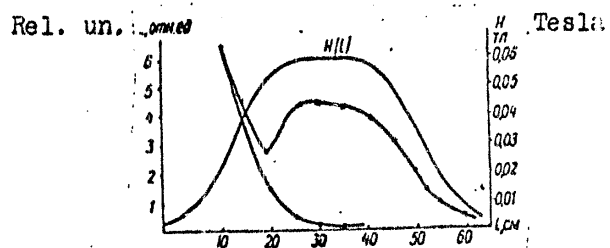
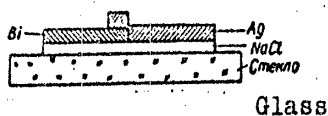
2/2

L 8217-66 ENT(1)/EWG(m) IJP(c) AT
 ACC NR: AT5022302
 44,55 40,55 SOURCE CODE: UR/3137/64/000/069/0031/0010
 AUTHOR: Volkov, Ya. F.; Dyatlov, V. G.; Mitina, N. I.
 44,55 56
 44,55 34
 ORG: Academy of Sciences UkrSSR, Physicotechnical Institute (Akademiya nauk UkrSSR, Fiziko-tekhnicheskii institut)
 TITLE: Investigation of a θ -pinch plasma with an azimuthal magnetic field
 SOURCE: AN UkrSSR, Fiziko-tekhnicheskii institut. Doklady, no. 069/P-023, 1964. Issledovaniye plazmy θ -pincha s azimuthal'nym magnitnym polem, 1-10
 21,44,55
 TOPIC TAGS: plasma containment, helium plasma, plasma heating
 ABSTRACT: A θ -pinch device was used to study the ion and electron energy distributions and the processes leading to the energy exchange between electrons and ions during the compression phase. A large spherical (110 mm diameter) vessel containing helium was placed within magnetic mirror coils. The magnetic field with a period of $30 \cdot 10^{-6}$ sec reached a peak value of 16 koe. Additionally, an azimuthal magnetic field was added $30 \cdot 10^{-6}$ sec earlier by means of an axial conducting rod carrying a current of up to 100 ka. The average and time-resolved ion temperature was obtained by determining the Doppler broadening of H and H_{α} spectral lines from several discharges. An additional photomultiplier system was used for electron and ion temperature determination during one discharge. The upper limit on the electron temperature was es-

Card 1/2

ACCESSION NR: AT4036064

ENCLOSURE: 01



Left - deposition of thermocouple on glass substrate (the melting of the salt causes the thermocouple to separate from the glass)

Right - relative distribution of plasmoid energy as a function of the distance from the source. $H(L)$ - magnetic field distribution, crosses - in presence of magnetic field, dots - without field.

Card 4/4

ACCESSION NR: AT4036064

SUBMITTED: 00

DATE ACQ: 21May64

ENCL: 01

SUB CODE: ME

NR REF SOV: 002

OTHER: 001

ACCESSION NR: AT4036064

of separating the thermocouple from the substrate is described. The relative distribution of the energy of the plasmoids as a function of the distance from the source was measured with the thermocouples. The motion of the plasmoid past the thermocouple charged the latter to a certain negative potential which could be monitored on an oscilloscope. The passage of plasmoids in a longitudinal magnetic field (the field intensity approximately 0.06 Tesla) was also investigated with the thermocouples. The velocity of the plasmoid could be determined from the delay in the thermocouple signal, and was found to be $(1-1.5) \times 10^5$ m/sec, which is considered by the authors to be an overestimate. It is concluded that the described thermocouples are sufficiently sensitive and can be used to investigate the diffusion of plasma transverse to a magnetic field. Orig. art. has: 7 figures.

ASSOCIATION: None

Card 2/4

ACCESSION NR: AT4036064

S/2731/63/000/003/0228/0231

AUTHORS: Demidenko, I. I.; Mitina, N. I.; Padalka, V. G.

TITLE: Investigation of plasmoids with the aid of thermocouples

SOURCE: Konferentsiya po fizike plazmy* i problemam upravlyayemogo termoyadernogo sinteza. 3d, Kharkov, 1962. Fizika plazmy* i prob-
lem* upravlyayemogo termoyadernogo sinteza (Plasma physics and
problems of controlled thermonuclear synthesis); doklady* konferent-
sii, no. 3, Kiev, Izd-vo AN UkrSSR, 1963, 228-231

TOPIC TAGS: plasma source, plasmoid, plasmoid acceleration, plasma
temperature, plasma magnetic field interaction, thermocouple

ABSTRACT: The preparation of a bismuth-silver thermocouple for
plasma research is described. The thermocouples were produced free-
standing by evaporation in vacuum on a heated glass substrate and
were used to investigate plasmoids from a Bostick source. The method

Card 1/4

DEMIDENKO, I.I. [Demydenko, I.I.]; MITINA, N.I.; PADALKA, V.G. [Padalka, V.H.]

Use of thermocouples in studying plasma clots. Ukr. fiz. zhur. 8
no.1:61-64 Ja '63. (MIRA 10:5)

1. Fiziko-tehnicheskii institut AN UkrSSR, Khar'kov.
(Plasma (Ionized gases)) (Thermocouples)

REVINA, A.A.; ARIPDZHANOV, Sh.A.; BAKH, N.A.; Prinsipal'nye uchastnye:
YAKOVLEV, Yu.B.; MITINA, N.I.

Electron paramagnetic resonance study of the formation of free
radicals in the irradiation of palmitic acid and its derivatives.
Dokl.AN SSSR 145 no.2:363-365 J1 '62. (MIRA 15:7)

1. Institut elektrokhemii AN SSSR. Predstavleno akademikom
A.N.Frumkinym.
(Palmitic acid) (Radiation) (Radicals (Chemistry))

On instrument and photographic ...

3/185/62/007/002/009/016
D299/1302

necessary to make allowance for photographic broadening for the given type of emulsion. There are 3 figures and 6 references: 3 Soviet-bloc and 3 non-Soviet-bloc. The reference to the English-language publication reads as follows: G.P. Flynn and W.F.L. Seymour. Proc. Phys. Soc, 75, 337, 1960.

ASSOCIATION: Fizyko-tekhnichnyy instytut AN URSR (Physicotechnical Institute of the AS UkrRSR), Kharkiv

SUBMITTED: May 4, 1961

Card 3/3

S/185/62/557/002/114/11
D299/D302

On instrument and photographic ...

cally. Similar measurements were carried out for mercury lines with $\lambda = 4047, 3650$ and $3125 \text{ \AA}$ respectively. The good agreement between the visual- and the photometric measurements for wide slits, showed that in this case the photographic broadening is very small and does not exceed the experimental error; in fact, for slits wider than 0.03 mm , the line intensity is practically independent of slit width, whereas the line width is proportional to the slit width; if the slit is narrowed, this proportionality no longer holds; with an infinitely narrow slit, the line retains finite width. It was found that the photographic broadening of the mercury line $\lambda = 4358 \text{ \AA}$ is $0.35 \text{ \AA}$ on plates of sensitivity 0.8 GOST units. By comparing the obtained values with Fabry-Perot interferometer measurements, it was found that the efficiency function of the spectrograph ISP-28 was $0.65 \text{ \AA}$ in the region of $4358 \text{ \AA}$. It was found that the photographic width does not depend on the sensitivity of the emulsion up to sensitivity values of 16 GOST -units, whereas for higher sensitivity-values it increases. Hence it is necessary to use, in very accurate spectrographic measurements, fine-grained plates. If highly sensitive coarse-grained plates and films are used, it is

Card 2/3

8/185/52/007/002/0.2/110
B299/0302

AUTHORS: Borysov, M.D. (Deceased) and Ustinov, N.I.

TITLE: On instrument and photographic broadening of spectral lines

PERIODICAL: Ukrayins'kyi fizychnyy zhurnal, v. 1, no. 2, 1952,
192 - 195

TEXT: The instrument- and photographic broadening of mercury line λ on the spectrograph SP-28 (ISP-28), was determined. The influence of the photographic broadening on the sensitivity of the photographic emulsion, was ascertained. In the photographic measurements, the exposure time varied up to 2 minutes. The line contours were constructed by means of the microphotometer MC-2 (MP-2). The width of the line was determined from the contours. In studying the dependence of the line width on the width of the spectrograph slit, the latter varied between 0.4 and 0.804 mm. The visual measurements were conducted by means of a microscope with magnification 240 to 56. A graph is shown of the dependence of the width of the mercury line $\lambda = 4358 \text{ \AA}$, on slit width, measured visually and photometrically. Card 1/3

MITINA, M.B.

Effect of *Carex pilosa* Scop. on the distribution and abundance
of ephemeral plants in an oak forest. Vest. IG 20 no.15:
153-156 '65. (MIRA 1819)

GULANYAN , Khachik Grigor'yevich; TATARYAN , Guren Arsenovich;
MITINA, M., red.; KRYLOVA, I., mlad. red.

[Technological progress and labor organization; based on
materials from chemical and machinery industry enterprises]
Tekhnicheskii progress i organizatsiia truda; po materialam
predpriatii khimicheskoi i mashinostroitel'noi promyshlennosti.
Moskva, Izd-vo "Mysl'" 1964. 213 p. (MIRA 17 8)

TURETSKIY, Sh.Ya., doktor ekon. nauk; AGANBEGYAN, A.G., doktor ekon. nauk; FERSITS, M.M.; LUSHIN, S.I., kand. ekon. nauk; CHUBAKOV, G.N., kand. ekon. nauk; SEKHON, B.M., prof., doktor ekon. nauk; KOKOREV, M.A., kand. ekon. nauk; ABRYUTINA, M.S.; MITINA, E., red.; BESSUDNOVA, N., mlad. red.

[large-scale socialist reproduction and the national economic balance] Rasshirennoe sotsialisticheskoe voz-
proizvodstvo i balans narodnogo khoziaistva. Moskva,
Izd-vo "Mysl'," 1964. 373 p. (MIRA 17:5)

M" A, L. V. Cand Med Sci -- (diss) "Effect of aminazine upon certain metabolic links (Experimental study)." Mos, 1958. 9 pp (2nd Mos State Med Inst im N. I. Pirogov), 200 copies (KL, 13-58, 100)

MITINA, L.V.

Effect of aminazine on protein metabolism; studies with radiosulfur-labeled methionine. Farm. i toks. 20 no.6:75-76 N-D '57 (MIRA 11:6)

1. Kafedra farmakologii (zav. - deystvitel'nyy chlen AMN SSSR zasluzhennyy deyatel'nauki prof. V.I. Skvortsov) II Moskovskogo gosudarstvennogo meditsinskogo instituta.

(CHLORPROMAZINE, effects,
on methionine labeled with radiosulfur metab. (Rus))
(METHIONINE, metabolism,
eff. of chlorpromazine, radiosulfur tracer study
(Rus))

Country : USSR

V

Category: Pharmacology. Toxicology. Tranquilizers.

Abs Jour: RZhBiol , No 6, 1959, No 27695

Author : Mitina, L.V.

Inst : Second Moscow Medical Institute

Title : The Condition of Protein Metabolism of Tissues of
Cerebrum and Liver of White Rats Under Influence of
Aminazine.

Orig Pub: Uch. zap. 2-y Mosk. med. In-t, 1957, 6, 53-58

Abstract: A single introduction to rats of aminazine (I) in
doses of 10 and 30 mg/kg, as well as repeated daily
introduction of 10-20 mg/kg of I for the duration
of 10 days, does not practically influence the speed
of inclusion of S^{35} - methionine into the proteins

Card : 1/2

V-11

MITINA, L.V.

Effect of aminazine on tissue respiration. Farm. i toks. 19
supplement: 31-32 '56. (MLRA 10:7)

1. Kafedra farmakologii (zav. - zasluzhennyy deyatel' nauki,
deystvitel'nyy chlen AMN SSSR prof. V.I. Skvortsov) II Moskovskogo
gosudarstvennogo meditsinskogo instituta imeni I.V. Stalina.

(CHLORPROMAZINE, effects,
on brain tissue resp. in vitro (Rus))
(BRAIN, effect of drugs on,
chlorpromazine on resp. in vitro (Rus))

MITINA, I.P.

Geographical variability of the hamster *Cricetulus eversmanni*
Br. (Mammalia, Glires). Zool.zhur. 38 no.12:1869-1875 D
'59. (MIRA 13:5)

1. Chair of Vertebrate Zoology and Zoological Museum of Moscow
State University.
(Hamsters)

BORKUNOV, Viktor Mikhaylovich; MITINA, I.I., red.

[Equipment for the thermal processing of intermediate products in the preparation of sardines] Oborudovanie dlia termicheskoi obrabotki polufabrikatov pri proizvodstve sardín. Moskva, Rybnoe khoziaistvo, 1963. 56 p.
(MIRA 17:7)

VAYNER, Aleksandr Aleksandrovich; RYZHNIKOV, Anatoliy Sergeyevich;
KAN, A.V., spets. red.; MITINA, I.I., red.

[Experience in the mechanization and intensification of
the freezing of small fish species] Opyt mekhanizatsii i
intensifikatsii zamorazhivaniia molokikh porod ryb. Mo-
skva, Rybnoe khoziaistvo, 1963. 37 p. (MIRA 17:9)

ANISIMOVA, T.I.; KOZAKEVICH, V.P.; ANISIMOV, P.I.; MITINA, G.G.

Dependence of the phagocytic activity in plague of the lesser
suslike on the changes in leucocytes. Zhur. mikrobiol., epid.
i immun. 41 no. 5:143-144. My '64. (MIRA 1965)

1. Vsesoyuznyy nauchno-issledovatel'skiy protivochumnyy Institut
"Mikrob", Saratov.

ANUFRIYEVA, Ye.V.; BOLOTINA, I.A.; VOLCHEK, B.Z.; ILLARIONOVA, N.G.;
KALIKHEVICH, V.I.; KOROTKINA, O.Z.; MITIN, Yu.V.; PTITSYN, O.B.;
PURKINA, A.V.; ~~ESKIN~~ V.Ye.

Study of synthetic polypeptides. Report No.1. Transitions-intra-
molecular β -structure-coil in poly-S-carbobenzoxymethyl-L-cysteine.
Biofizika 10 no.6:918-928 '65.
(MIRA 19:1)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR, Leningrad.
Submitted April 22, 1965.

ACCESSION NR: AP4034566

The author indicates a 2-stage mechanism--first, the formation of an unsaturated polymer (such as A) regardless of the nature of R; then the formation of the saturated compound (B) by the addition of the HCl at the double bond with subsequent intramolecular alkylation and formation of the indane ring. The second part of the reaction is associated with the mobility of the hydrogen in the meta-position to the R groups. Orig. art. has: 1 table, 1 formula and 1 equation.

ASSOCIATION: Institut vy*sokomolekulyarny*kh soyedineniy Akademii nauk SSSR
(Institute of Macromolecular Compounds, Academy of Sciences SSSR)

SUBMITTED: 04Feb63

SUB CODE: OC

NO REF SOV: 003

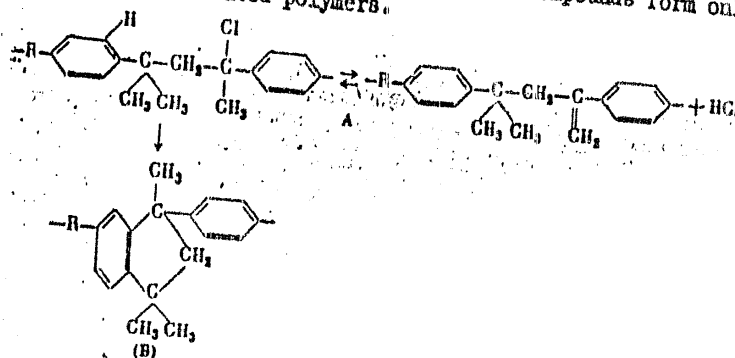
ENCL: 00

OTHER: 001

Card 3/3

ACCESSION NR: AP4034566

on the structure of polymers formed in the presence of SnCl_4 and HCl was determined. 4,4'-diisopropenyldiphenylsulfide and 4,4'-diisopropenyldiphenylsulfone form only unsaturated soluble polymers, while the corresponding sulfone forms a saturated polymer. The polymerization temperature determined the products formed with 4,4'-diisopropenyldiphenylmethane and -ethane: at 80C these compounds form only the saturated, at 180C, the unsaturated polymers.



Card 2/3

ACCESSION NR: AP4034566

S/0079/64/034/00000008/1110

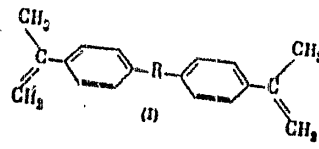
AUTHOR: Mitin, Yu. V.; D'yachenko, T. D.

TITLE: Effect of the structure of compounds with two isopropenyl groups on the structure of the polymers formed.

SOURCE: Zhurnal obshchey khimii, v. 34, no. 4, 1964, 1108-1110

TOPIC TAGS: polymer, structure, isopropenyl containing compound, diisopropenyldiphenylsulfide, diisopropenyldiphenyloxide, diisopropenyldiphenylsulfone, polymerization, mechanism, intramolecular alkylation, indane ring, hydrogen ion mobility, saturated polymer, unsaturated polymer

ABSTRACT: The effect of the substituent R (where R = O, S, SO₂, CH₂ or C₂H₄) in the monomer molecule:



Card 1/3

TSVETKOV, V.N.; MITIN, T.O.; SEMENNIKOVA, I.O.; GLUSHENKOVA, V.R.; TARASOVA,
G.V.; SKAZKA, V.S.; NIKETIN, N.A.

Sedimentation, diffusion, and viscosity of poly- γ -benzyl L-glutamate
in solutions. *Vysokom. soob.* 7 (1968) 63-67. Je '65. (MIRA 18:9)

1. Institut vysokomolekulyarnykh soedineniy AN SSSR.

ANUFRIYEVA, Ye.V.; VOLGHEV, B.Z.; ILLARIONOVA, N.G.; KALIKHEVICH, V.N.;
KOROTKINA, O.Z.; MITIN, Yu.V.; PTITSYN, O.B.; PURKINA, A.V.; ESKIN,
V.Ye.

Synthesis of poly-S-carbobenzoxymethyl-L-cysteine and the study of
its structure. Biofizika 10 no.2:346-347 '65. (MIRA 18:7)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR, Leningrad.

MITIN, Yu.V.; NADEZHINA, L.B.

Active esters of N-acylamino acids based on dimethylaminophenols. Izv.
AN SSSR, Ser. khim. no.7:1312-1313 '65. (MIRA 18:7)

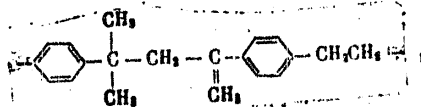
1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

MITIN, Yu.V.; VLASOV, G.P.

Synthesis of a peptide bond by means of anhydrides. Dokl. Akad. Nauk SSSR, 1965, no. 5, 861-864. (MIRA 18:6)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

ACCESSION NR: AP4030366



which has been arrived at on the basis of the following analytical procedure. To a solution of 3 grams of the unsaturated DIPDPE polymer in 25 ml of chloroform were added 4 gms of perbenzoic acid in 50 ml of chloroform. This was allowed to stand for 15-16 hours at room temperature, then boiled for one hour. The treated polymer was precipitated with methanol and dried to constant weight. Two grams of the sample were dissolved in 50 ml of dioxane, heated to 60-70°C, and to it were added 1.5 gm iodic acid in 10 ml of water, followed by aeration with nitrogen. This nitrogen carried with it the formaldehyde formed during the reaction, which was then trapped by beta-naphthol. The author was able to account for 82% of the theoretical yield of formaldehyde. He gives a detailed, extended, theoretical outline of the chemical reactions involved in the polymerization process. "Thanks are given to A. A. Korotkov and M. M. Koten for advice and interest in the work." Orig. art. has: 6 formulas and 1 chart.

ASSOCIATION: Institut vy'sokomolekulyarnykh soedineniy AN SSSR (Institute of High-Molecular Compounds AN SSSR)

Cord 2/12

ACCESSION NR: AP4030366

S/0190/64/006/003/0484/0487

AUTHOR: Mitin, Yu. V.

TITLE: The polymerization of 4,4'-diisopropenyldiphenylethane

SOURCE: Vysshomolekulyarnyye soedineniya, v. 6, no. 3, 1964, 484-487

TOPIC TAGS: polymerization, polymer, saturated polymer, unsaturated polymer, 4,4'-diisopropenyldiphenylethane, catalyst of polymerization, stannic chloride, hydrogen chloride, perbenzoic acid, destructive oxidation

ABSTRACT: While polymerization of 4,4'-diisopropenyldiphenylethane (DIPDPE) is known to yield only a saturated polymer at temperatures below 100C, the author synthesized an unsaturated DIPDPE polymer at 200C in the presence of either stannic chloride or anhydrous hydrogen chloride as catalyst. The polymerization rate increases up to 0.2 mole/liter HCl, when it flattens out. The unsaturated polymer begins to soften at 80C (as against 130C for the saturated polymer), forms a bromine addition compound, is readily oxidized, and decomposes on heating in the air. When a SnCl₄ solution of the unsaturated DIPDPE polymer was heated to 80C in the presence of hydrogen chloride, it was transformed into its saturated form. The structure of the unsaturated DIPDPE polymer is presumably

Card 1/1

TSVETKOV, V.N.; MITIN, Yu.V.; GLUSHENKOVA, V.R.; GRISHCHENKO, A.Ye.;
BOYTSOVA, N.N.; LYUBINA, S.Ya.

Electric and dynamic birefringence of poly - γ -benzyl-L-glutamate
solutions. Vysokom.soed. 5 no.3:453-459 Mr '63. (MIRA 16:3)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR i Fizicheskiy
institut Leningradskogo gosudarstvennogo universiteta.
(Glutamic acid--Optical properties) (Refraction, Double)

MITIN, Yu. V.; GLUSHENKOVA, V. R.; VLASOV, G. P.

Reactions of isonitriles with amine salts. Zhur. ob. khim. 32
no.12:3867-3871 D '62. (MIRA 16:1)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

(Isocyanides) (Amines)

MITIN, Yu. V.

Cond Chem Sci - (diss) "Synthesis and polymerization of several compounds containing two isopropene groups." Leningrad, 1961.
12 pp; (Leningrad Order of Lenin State Univ ineni A. A. Zhdanov);
180 copies; price not given; (Kh, 5-61 sup, 176)

GLUKHOV, N.A.; KOTON, M.M., MITIN, Yu.V.

Synthesis of chelate polymers. *Vysokomolekul. soed.* 2 no.5:791-792
My '60. (MIRA 13:8)

1. Institut vysokomolekulyarnykh soedineniy AN SSSR.
(Polymers) (Chelates)

MITIN, Yu.V.; SAZANOV, Yu.N.; VLASOV, G.P.; KOTON, M.M.

Polymerization of dialdehydes. Vysokom.sped. 2 no.5:716-718.
My '60. (MIRA 13:8)
(Aldehydes) (Polymers)

Synthesis of a Few Compounds With Two Isopropenyl Groups SOV/79-26-12-32/41

ASSOCIATION: Institut vysokomolekulyarnykh soedineniy Akademii nauk SSSR
(Institute of High-Molecular Compounds, Academy of Sciences,
USSR)

SUBMITTED: November 18, 1957

Card 3/3

Synthesis of a Few Compounds With Two Isopropenyl Groups. SU. 1970-10-10.

acetyl diphenyl. It was more useful to take the esters of the corresponding dicarboxylic acids in their place, the solution of which could be controlled by appropriate alkoxy groups. The reaction of the diacetyl derivatives or the esters of dicarboxylic acids with methyl magnesium bromide took place readily and in good diol yields. The substitution of two oxy groups by chlorine atoms also takes place readily. As expected, the forming chlorides are unstable and easily react to HCl already on standing. The final products, i.e., the diisopropenyl derivatives of benzene, diphenyl, diphenyl methane etc. are easily crystallizable compounds which are stable when not stored for a long time; otherwise they polymerize to an unsoluble spungy mass. The structure, elementary analysis and melting points of the products obtained are given in the table. There are 1 table and 1 reference, 1 of which is Soviet.

Ca. d 2/3

AUTHOR: Mitin, Yu. V. ISSN/72-20-10-12/11

TITLE: Synthesis of a Few Compounds With Two Isopropenyl Groups
(Polucheniye nekotorykh soedineniy s dvumya isopropenil'nymi
gruppami)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol 28, Nr 15,
pp 3302 - 3306 (USSR)

ABSTRACT: Although compounds with two isopropenyl groups are important
to the devising of new synthesis of polymers (Ref 1), no
mention is made of them in publications. The author suggests
a new more efficient synthesis of this compound, based on
the synthesis of diisopropenyl benzene according to refer-
ence 2, which was carried out with small yields. 3,3'-diisopropenyl
diphenyl; 4,4'-diisopropenyl diphenyl methane;
4,4'-diisopropenyl diphenyl ethane, and 4,4'-diisopropenyl
diphenyl oxide had been completely unknown before. Two
schemes mentioned may be followed a) and b): The synthesis
according to scheme a) was employed in that case where
the corresponding diketones are difficult to solve or
difficult to obtain (e.g., p-diacetyl benzene and 4,4'-di-

Card 1/3

Polymerization of Some Compounds Having Two Isopropenyl Groups. 20-1-26/54
ASSOCIATION: Institut for High Molecular Compounds of the AN of the USSR
(Institut vysokomolekulyarnykh soyedineniy Akademii nauk SSSR)
PRESENTED BY: Kargin, V. A., Member of the Academy, April 17, 1957
SUBMITTED: February 8, 1957
AVAILABLE: Library of Congress

Polimerization of Some Compounds Having Two Isopropenyl Groups. 20-1-26/54

produced compounds were subjected to polymerization in a solution of toluol in the presence of SnCl_4 and a co-catalyst HCl . In all cases polymers developed which were soluble in benzene and its analogs, in carbon tetrachloride, carbon disulphide and some others insoluble in alcohols. After resedimentation they are obtained in the form of white powder. Its elementary composition precisely agrees with that of the initial monomers. They are saturated and do not undergo addition of bromium. Structural formulae for them are proposed. In view of an exceptional resistance of the polymers to oxidizing and thermal destruction, no individual oxidation or decomposition products were obtained. The similarity of the infrared spectra of the polymers and of 1,3,6-trimethyl-indan which was chosen as a model compound speaks in favor of the proposed structures VI and VII. The optical properties show that the benzene rings are in the main chain of the polymer. Thus it was proved that under certain conditions it is possible to produce linear polymers of the compounds concerned which do not react with ion-type catalysts. There are 1 illustration, 1 table and 1 Slavic reference.

Card 2/3

MITIN, Yu. V.

20-1-26/54

AUTHORS: Mitin, Yu. V., Glukhov, N. A.,

TITLE: Polymerization of Some Compounds Having Two Isopropenyl Groups
(Polimerizatsiya nekotorykh soyedineniy s dvumya izopropenil'ny-
mi gruppami)

PERIODICAL: Doklady Akad. nauk SSSR, 1957, Vol. 115, Nr 1, pp. 97-99, (USSR)

ABSTRACT: In a study of the dimerization of α -methylstyrene under the influence of catalysts of the ion type SnCl_4 , TiCl_4 and AlCl_3 it was shown that at an elevated temperature (70-100° C) only one formation of the dimer takes place which is a saturated crystalline product. By a direct synthesis it was convincingly demonstrated that the latter is a 1,1,3-trimethyl-3-phenyl-indan (structural formula given). Similar dimerization products are also formed from some other α -methylstyrenes substituted in the nucleus. Thus α -methylstyrene occurs as a monofunctional compound under certain conditions. It was interesting to investigate the behaviour of compounds which contain two isopropenyl groups, under conditions analogous to those prevailing in the formation of the saturated α -methylstyrene. In other words, a number of bifunctional substances was investigated, in order to obtain linear polymers which contain benzene cycles in the basis chain. The expected course of reaction is explained by structural formulae. The following bifunctional compounds were produced and characterized: 1,4-di-isopropenyl-benzene, 4,4'-di isopropenyl-diphenyl-methane, and 4,4'-di-isopropenyl-diphenyl-ethane. The

Card 1/3

from M. M. Koton
KOTON, M. M. and MITIN, Ya. V.

"The Synthesis of Polymers with Cycles in the Chain,"

TITLE: General Meeting of the Department for Chemical
Sciences of the AN USSR Held in May 30-31, and
June 28, 1957 .

PERIODICAL: Izvestiya AN SSSR, Otdel. Khim. Nauk, 1957, Nr 11,
pp. 1416-1419 (USSR)

saturated styrenes. M. M. Koshchik, V. Y. Kabanov, and V. B. Kabanov, *High Molecular Weight Comp.*, 1968, 10, 1468-72.
 (1968). Polymerization of PhCH=CH_2 is greatly accelerated by a p-CN or NO_2 group, while p-Me , or NH_2 groups retard polymerization; the kinetic curves are shown for these examples in polymerizations at 100° . Thus p-aminostyrene polymerizes only with difficulty even at 160° yielding a brown transparent polymer; the $\text{p-methylaminostyrene}$ polymerizes somewhat more readily at $120-30^\circ$, but at 160° it evolves gaseous by-products (amines). Polymerization of p-nitrostyrene and p-cyanostyrene are reactions of 1st order with activation energies of 21,000 and 8200 cal./mole, resp. $\text{PhCH}_2\text{CH}_2\text{OH}$ treated overnight with PBr_3 gave 78% $\text{PhCH}_2\text{CH}_2\text{Br}$, b_p $91-3^\circ$ which nitrated with fuming HNO_3 in $\text{AcOH-Ac}_2\text{O}$ to 53% $\text{p-O}_2\text{NC}_6\text{H}_4\text{CH}_2\text{CH}_2\text{Br}$, m. 69° which (20 g.) refluxed with 160 ml. $(\text{HOCH}_2\text{CH}_2)_2\text{N}$ and 80 ml. H_2O with steam distn. of the product as formed, gave 63% $\text{p-O}_2\text{NC}_6\text{H}_4\text{CH}_2\text{CH}_2\text{NH}_2$, m. 23° . From 14 g. Mg , 118 g. $\text{p-C}_6\text{H}_4\text{Br}$ and 15 g. AcH the conventional method yielded 40% $\text{p-BrC}_6\text{H}_4\text{CH}_2\text{CH}_2\text{OH}$, b_p $144-5^\circ$, which heated with pyridine and fresh (CuCN) in the presence of hydroquinone, a few drops of $\text{p-MeC}_6\text{H}_4\text{CN}$ and a little Cu_2O , 15 hrs. at $200-16^\circ$ gave 24% $\text{p-NCC}_6\text{H}_4\text{CH}_2\text{CH}_2\text{OH}$, b_p $133-40^\circ$, $\eta_{sp}^{1.6480}$; this passed over Al_2O_3 at $300-25^\circ$ gave 48% $\text{p-NCC}_6\text{H}_4\text{CH}_2\text{CH}_2\text{NH}_2$, b_p 104° , $\eta_{sp}^{1.6782}$. $\text{p-BrNC}_6\text{H}_4\text{CH}_2\text{CH}_2\text{NH}_2$ was prepd. in 55% yield according to Shoygina (S. and Shoygina, *C.A.* 34, 389) and the product m. $20-2^\circ$. MeMgBr from 40 g. MeBr was treated with 50 g. $\text{p-MeNC}_6\text{H}_4\text{CHO}$ and the treatment of the mixt. with $\text{NH}_4\text{Cl-HCl}$ soln. gave on distn. 28% $\text{p-MeNC}_6\text{H}_4\text{CH}_2\text{CH}_2\text{NH}_2$, b_p 69° , m. 16° , $\eta_{sp}^{1.6046}$. G. M. Kosolapoff

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ACC NR: AP6030006

tions only, they have an exponential rate of convergence, and they provide for caging in attaining a given degree of accuracy. They are adapted for computer use. The authors thank L. I. Shtenvol'f for phasing the problem in terms of the $\lambda \geq \beta$ inequality. Presented by Academician A. Yu. Ishlinskiy on 27 November 1965. Orig. art. has: 14 formulas.

SUB CODE: 12,09/

SUBM DATE: 25Nov65/

ORIG REF: 005/

OTH REF: 001

Card 2/2 *LC*

L 04205-67 EWT(1)
 ACCESSION NR: AP6030006

SOURCE CODE: UR/0020/66/169/005/1026/1029

AUTHOR: Glazman, I. M.; Mitin, V. N.

ORG: Kharkov Polytechnical Institute im. V. I. Lenin (Khar'kovskiy politekhnicheskii institut); Physico-Technical Institute of Low Temperature AN UkrSSR (Fiziko-tekhnicheskii institut nizkikh temperatur AN UkrSSR)

TITLE: The tuning out of vibration systems as a problem in convex programming

SOURCE: AN SSSR. Doklady, v. 169, no. 5, 1966, 1026-1029

TOPIC TAGS: linear programming, algorithm, optimal control, resonance damping

ABSTRACT: If Q is a vibration system with m degrees of freedom and m rigidities, and considering this system to be an elastic bar-conductor with rigidities u_k and moments of inertia I_k ($k=1,2,\dots,m$), the problem studied is that of selectively tuning Q out of the resonance danger zone $(0,\beta)$, the interval of squares of possible frequencies from external effects. This problem consists in altering a given number p of its rigidities such that the square λ of the least natural frequency of the system will satisfy the inequality $\lambda \geq \beta$. An algorithm is constructed for the solution of the problem of optimal tuning and also an algorithm for the solution of an analogous problem with supplementary limitations. These algorithms are realized by the use of rational opera-

Card 1/2

KHRISTOFOROV, A.I., Inzh.; MITIN, V.M.

Friction welding of high-strength alloy steel
Mashinostroenie no.1:9-10-1964, 1964, (1964) 167

MITIN, V.M.

Distributing conveyors in the instrument industry. Priboro-
stroenie no.2:25-28 F '64. (MIRA 17:3)

LEVIT, Z.Yu.; MITIN, V.M.

Mechanization and automation of processes in the manufacture of
basic sectional joints. Priborostroenie no.9:27-29 S '62.
(MIRA 15:9)

(Machine-shop practice) (Automatic control)

SAYENKO, I.G.; MITIN, V.I.; LIBERIS, V.V.

Rapid welding in carbon dioxide with large diameter electrode wires.
Avtom svar. 17 no.3:65-66 Mr '64. (MIRA 17:11)

1. Nauchno-issledovatel'skiy institut tekhnologii avtomobil'noy
promyshlennosti.

4th Plenary Session of TsP NTO Mashprom

SOV 117 58 4-20/21

Chenobrovkin (Head of the Foundry Section of Sverdlovsk NTO), B.D. Groznov (Kiyev), S.S. Chetverikov (Chairman of the All Union Section of Mechanical Engineering and Assembling), I.A. Aristov, E.N. Tovadze, S.A. Vorobiyev, N.O. Okerblom, S.S. Zaslavskiy. The following reports were also heard: "News in Technology of Prefabricating Shops of Plants" by Doctor of Technical Sciences D.P. Ivanov; "News in Machinebuilding Technology of USSR" by Engineer I.G. Foranov; "Mineral Ceramics and Their Prospective Applications in Machinebuilding" by Professor S.S. Chetverikov. The session approved the thematic and financial plan for 1958.

1. Machines—USSR

Card 2/2

AUTHORS: Mitin, V.I., and Aristov, I.A. Engineers SOV-117-58-4-20/21

TITLE: 4th Plenary Session of TsP NTO Mashprom (IV plenum TsP NTO Mashproma)

PERIODICAL: Mashinostroyeniye 1958 Nr 4, pp 45-47 (USSR)

ABSTRACT: The Plenary Session of the Central Board of the Scientific-Technical Society of the Machine-Building Industry was convened in January 1958. Central Board Chairman, D.A. Ryzhkov, opened the session with his report, "The Objectives of NTO Mashprom". Assistant Central Board Chairman, N.S. Fedotenko, delivered a report "On the Thematic and Financial 1958 Plan of NTO Mashprom". The following NTO members from different towns participated in the general discussions: B.S. Mordvinov (Omsk), P.P. Berg, Chairman of Vsesoyuznaya sektiya liteyshchikov (All Union Foundry Workers Section), I.G. Fofanov, Chairman of Vsesoyuznaya sektiya ekonomiki i organizatsii proizvodstva (All Union Section for Economics and Production Organization), A.B. Goldenberg (Ufa), K.V. Lyubavskiy, Chairman of Vsesoyuznaya sektiya svarozhnogo proizvodstva (All Union Section of Welding Industry), B.G. Yegerman, Director of Obshchestvennyy Universitet (Public University), G.S. Strizhanov (Perm'), P.V. Chernogorov (Chelyabinsk), V.P.

Card 1/2

MITIN, Vladimir Ivanovich

KUZNETSOV, Boris Grigor'yevich, inzh.; MITIN, Vladimir Ivanovich, inzh.;
DENISOVA, T.B., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Electric equipment of locomotives; operation and repair] Teplovoznaya
elektroapparatura; ekspluatatsiya i remont. Moskva, Gos. transp. zhel-
dor. izd-vo, 1958. 150 p. (MIRA 11:7)
(Locomotives--Maintenance and repair)

MITIN, V.I.

GAVRILOV, S.M., inzh.; MITIN, V.I., inzh.

Commemoration conference of Leningrad scientific and industrial
workers. Mashinostroitel' no.9:43-45 S '57. (MLRA 10:9)
(Leningrad--Mechanical engineering)

LARICHEV, A.V.; MITIN, V.I.

Energy dependence of the angular distribution constant of
scattered γ -rays. Vop. doz. i zashch. ot izluch. no.2:47-50
'63. (MIRA 17:3)

Build-up factors of soft ...

S/892/62/000/001/007/022
B102/B186

results obtained agree closely with the experimental data available.
There is 1 figure.

Card 2/2

S/892/62/000/001/007/022
B102/3186

26-2545
AUTHORS: Larichev, A. V., Mitin, V. I.

TITLE: Build-up factors of soft gamma-ray dose in aluminum

SOURCE: : Moscow. Inzhenerno-fizicheskiy institut. Voprosy dozimetrii i nashchity ot izlucheniya, no. 1, 1962, 55-56

TEXT: The authors measured the energy dependence of the dose build-up factors for gamma point sources in the range 0.145-0.66 Mev. The measurements were made with the mono-energetic sources ^{141}Ce ($E_\gamma = 0.145$ Mev, 30 mc), ^{203}Hg ($E_\gamma = 0.279$ Mev, 20 mc), and ^{137}Cs ($E_\gamma = 0.661$ Mev, 5 mc).

A compensated scintillation gamma dosimeter served as gamma-ray detector. The shields in which the build-up factors were measured were aluminum sheets 750-750 mm in size and with the optical thicknesses $\mu_0 r = 1, 2, 3, 4$. μ_0 is the gamma ray absorption coefficient, and r the thickness. The build-up factor was determined from the ratio of the dosimeter indications with ($P(\mu_0 r)$) and without (P_0) shield: $Br(\mu_0 r) = P(\mu_0 r)/P_0 e^{-\mu_0 r}$. The

Card 1/2

MITIN, V.I.

Work practices of the 650 mill operators at the Nizhniy Tagil
Metallurgical Combine. Metallurg 8 no.7:31-32 J1 '63.
(MIRA 16:8)

1. Master stana 650 Nizhne-Tagil'skogo metallurgicheskogo
kombinata.

(Nizhniy Tagil--Rolling mills)

KUZNETSOV, B.G., inzh.; MITIN, V.I., inzh.; NOVOSEL'SKIY, B.S.,
inzh., ratsenzent; DENISOVA, T.V., inzh., red.;
BOBKOVA, Ye.N., tekhn. red.

[Electrical equipment of diesel locomotives] Teplovoznaia
elektricheskaya apparatura. Izd.2., dop. Moskva, "Transport"
1964. 190 p. (MIRA 17:2)

~~APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700029-6~~

MEPIK, V.F., Izdatel'stvo nauch. literatury, M., 1964; KOSHELOVA, A.G., ibid.

MED-1 machine for laying down. Cont. 1 sec. each. 300 ft.
JL '65.

~~MITIN~~, V. F., kand. tekhn. nauk; GAVRILOV, Yu. M., inzh.;
PERSIKOV, V. I.

Equipment MK-1,8 for the ETU-0, 75A excavator. Torf. prom. 40
no.3:13-15 '63. (MIRA 16:4)

1. Kalininskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta torfyanoy promyshlennosti.

(Peat machinery)

MITIN, V.F., kand. tekhn. nauk; MAYEVSKAYA, K.T.

Experience in the operation of the TPSh-1 machine, Torf.
prom. 40 no.2:18-20 '63. (MIRA 16:4)

1. Kalininskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta torfyanoy promyshlennosti.
(Peat machinery)

MTIN, V.F., inzh.

Deep drying of peat deposits. Torf.prom. 37 no.1:12-15
'60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidro-
tekhniki i melioratsii imeni A.N. Kostyakova.
(Kirov Province--Peat)

MITIN, V.F., inzh.

Effect of deep canals on the lowering of ground water. Trudy
VNIIGIM 35:21-34 '60. (MIRA 14:9)
(Kirov Province-Drainage) (Peat bogs)

MITIN, V.F., inzh.

Method for approximate calculation of drainage canals built
in stratified soils. Trudy VNIIGIM 35:15-21 '60. (MIRA 14:9)
(Drainage)

MITIN, V.F., inzh.

Drainage of peat bogs by deep wide-spaced ditches. Gidr. i mel.
12 no.4:35-40 Ap '60. (MIRA 13:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki i
melioratsii im. A.N. Kostyakova.
(Peat bogs) (Drainage)

MITIN, V. F., Cand Tech Sci (diss) -- "Frying out swamps with wide-spaced deep canals under various hydrogeological conditions". Moscow, 1959. 19 pp (Min Agric USSR, All-Union Sci-Res Inst of Hydraulic Engineering and Soil Improvement in A. N. Kostyakov), 120 copies (KL, No 2, 1960, 12)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700029-6

MITIN, V.D.; YURKOV, Yu.P.

Blasting operations in fractured rock. Vzdryv. dela no. 55/12;
206-210 '64. (MIRA 17:10)

KRICHEVSKIY, R.M., kand.tekhn.nauk; MITIN, V.D., gornyy inzh.

Calculation of the parameters of boring and blasting operations
for opening up seams. Ugol' Ukr. 7 no.6:46-47 Je '63. (MIRA 16:8)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti
rabot v gornoy promyshlennosti.

Mitin, V.A.

117-3-5/28

AUTHOR: Mitin, V.A.

TITLE: Our Experience in Work Without Inspectors (Nash opyt raboty bez kontrolerov)

PERIODICAL: Mashinostroitel', 1958, # 3, p 14-15 (USSR)

ABSTRACT: The article describes organizatory measures for keeping the production quality on a high level without supervision by quality inspection (OTK) at the Gor'kiy Automobile Plant. Fundamentally, the system consists in making every worker and foreman responsible for the quality of his own work. It includes individual stamps to mark the work, and publicity through posters and meetings.

A similar organization has existed for some time at the Plant imeni Kirova (former "Krassnyy Putilovets") in Leningrad. There is 1 photograph.

ASSOCIATION: Gor'kiy Automobile Plant (Gor'kovskiy avtomobil'nyy zavod)

AVAILABLE: Library of Congress

Card 1/1

MITIN, V.A.

GOYKHITUL', A.O.; MITIN, V.A.

New measuring instruments. Mashinostroitel' no.6:17-22 Je '57.
(MLRA 10:2)

1. Gor'kovskiy avtomobil'nyy zavod.
(Measuring instruments)

MITIN, V.A., kapitan 2 ranga; BELINSKIY, A.V., gvardi: polkovnik, redaktor;
BELIKOV, M.A., pod-polkovnik, redaktor; KAZAKOVA V.Ye. tekhnicheskii
redaktor.

[Training young naval officers; a collection of articles] O vospitanii
molodykh ofitserov voenno-morskogo flota; sbornik statei. Moskva, Voen.
izd-vo M-va obr. SSSR 1956. 74 p. [Microfilm] (MLRA 10:4)
(Russia--Navy--Officers)

OSADCHIY, F., inzh.; GOLOSOV, V.; NOVIKOV, K.; MITIN, V.; RYBCHENKO, G.;
KUZNETSOV, V.; THERENT'YEV, M., inzh.; MATKUZHIN, Zh.

Exchange of experience. Avt. transp. 42 no.11:47-51 N '64.
(MIRA 17:12)

MITIN, V., inzh.

Effectiveness of timber transportation in rafts on regulated
rivers. Rech. transp. 24 no.7:8-9 '65. (MIRA 18:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut ekonomiki
i ekspluatatsii vodnogo transporta.

MITIN, S.V.

MITIN, S.V.; TIRSKIKH, V.A.

Effect of onion and garlic phytoncides on the plague bacillus;
preliminary report. Izv. Irk.gos.protivochum.inst. 9:53-62 '51.
(PHYTONCIDES) (MIRA 10:12)
(PASTEURILLA PESTIS)

NOTYANVA, 100.

[... ..]
... .. Moskva,
195. 131 p. (Mik. 19.10)

VASIL'YEV, V. V.; MITIN, S. T.

Use of electronic computers for planning and accounting in
the Moscow Economic Council. Biul.tekh.-ekon.inform. no.10:
76-77 '62. (MIRA 15:10)

(Electronic calculating machines)
(Moscow--Industrial management)

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